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Date Filed: 06-29-12 By: Judy M. Poferl Effective Date: 05-01-13

President and CEO of Northern States Power Company, a Minnesota corporation

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President and CEO of Northern States Power Company, a Minnesota corporation

RESIDENTIAL SERVICE	Section No.	5
RATE CODE E01, E03	1st Revised Sheet No.	1.1
	Cancelling Original Sheet No.	1.1

Available to any residential customer for domestic purposes only, in a single private residence.

#### **RATE**

Customer Charge per Month – Overhead (E01)	\$8.25		
<ul><li>– Underground (E03)</li></ul>	\$10.25	;	
	First 1,000	Excess	
Energy Charge per kWh	kWh per Month	kWh per Month	
June - September	\$0.08161	\$0.08161	I
Other Months			
Without Electric Space Heating	\$0.06641	\$0.06389	I
Electric Space Heating	\$0.06641	\$0.04166	I

#### **FUEL CLAUSE**

Bills subject to the adjustment provided for in Fuel Clause Rider.

# **OTHER RIDERS**

Bills are subject to the adjustments provided for in the Transmission Cost Recovery Rider, the Environmental Cost Recovery Rider, the Demand Side Management Cost Adjustment Factor and the Infrastructure Rider.

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# **MONTHLY MINIMUM CHARGE**

Customer Charge.

# **SURCHARGE**

In certain communities, bills are subject to a surcharge provided for in Surcharge Rider.

#### LATE PAYMENT CHARGE

A late payment charge of 1% of the unpaid balance will be added to the next month's bill after the date due.

# **OTHER PROVISIONS**

This schedule is also subject to provisions contained in Rules for Application of Residential Rates.

Date Filed: 06-29-12 By: Judy M. Poferl Effective Date: 05-01-13

President and CEO of Northern States Power Company, a Minnesota corporation

RESIDENTIAL TIME OF DAY SERVICE	Section No.	5
RATE CODE E02, E04	5th Revised Sheet No.	2
	Cancelling 4th Revised Sheet No.	2

Available to any residential customer for domestic purposes only, in a single private residence.

#### **RATE**

Customer Charge per Month		
Overhead (E02)	\$10.25	
Underground (E04)	\$12.25	
On Peak Period Energy Charge per kWh		
June - September	\$0.17235	I
Other Months		
Without Electric Space Heating	\$0.13155	I
Electric Space Heating	\$0.10762	I
Off Peak Period Energy Charge per kWh	\$0.02540	I

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#### **FUEL CLAUSE**

Bills subject to the adjustment provided for in Fuel Clause Rider.

#### **OTHER RIDERS**

Bills are subject to the adjustments provided for in the Transmission Cost Recovery Rider, the Environmental Cost Recovery Rider, the Demand Side Management Cost Adjustment Factor and the Infrastructure Rider.

#### MONTHLY MINIMUM CHARGE

Customer Charge.

### **SURCHARGE**

In certain communities, bills are subject to a surcharge provided for in Surcharge Rider.

# LATE PAYMENT CHARGE

A late payment charge of 1% of the unpaid balance will be added to the next month's bill after the date due.

#### **OTHER PROVISIONS**

This schedule is also subject to provisions contained in Rules for Application of Residential Rates.

# **DEFINITION OF PEAK PERIODS**

The on peak period is defined as those hours between 9:00 a.m. and 9:00 p.m. Monday through Friday, except the following holidays: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day. When a designated holiday occurs on Saturday, the preceding Friday will be designated a holiday. When a designated holiday occurs on Sunday, the following Monday will be designated a holiday. The off peak period is defined as all other hours. Definition of on peak and off peak period is subject to change with change in Company's system operating characteristics.

### (Continued on Sheet No. 5-3)

Date Filed:	06-29-12	By: Judy M. Poferl	Effective Date:	05-01-13	
	President and CEO of	Northern States Power Company, a Mir	nnesota corporation		
Docket No.	EL12-046		Order Date:	04-18-13	

ENERGY CONTROLLED SERVICE	Section No. 5	
(NON-DEMAND METERED)	3rd Revised Sheet No. 7	
RATE CODE E10	Cancelling 2nd Revised Sheet No. 7	

Available to residential and commercial customers with permanently connected interruptible loads of 10 kW to 50 kW, which would be under Company control. The types of loads served would include dual fuel, storage space heating, water heating, and other loads subject to Company approval.

#### **RATE**

	<b>Residential</b>	Commercial & Industrial	
Customer Charge per Month	\$3.05	\$3.05	
Francis Ohanna nan IAMb			
Energy Charge per kWh			
Standard	\$0.03486	\$0.03486	I
Optional			
June - September	\$0.08161	\$0.07586	1
Other Months	\$0.03486	\$0.03486	1

#### **OPTIONAL ENERGY CHARGE**

This option is available to customers with heat pump installations for non-interruptible service during June through September billing months.

#### **FUEL CLAUSE**

Bills subject to the adjustment provided for in Fuel Clause Rider.

### **OTHER RIDERS**

Bills are subject to the adjustments provided for in the Transmission Cost Recovery Rider, the Environmental Cost Recovery Rider, the Demand Side Management Cost Adjustment Factor and the Infrastructure Rider.

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# **SURCHARGE**

In certain communities, bills are subject to a surcharge provided for in Surcharge Rider.

#### LATE PAYMENT CHARGE

A late payment charge of 1% of the unpaid balance will be added to the next month's bill after the date due.

#### TERMS AND CONDITIONS OF SERVICE

- 1. The controllable load shall be permanently wired, separately served and metered, and at no time connected to facilities serving customer's firm load. Customer's control system, and other equipment such as circulating fans and pumps, and any alternate fuel related equipment shall be served as firm load.
- 2. The duration and frequency of interruptions shall be at the discretion of Company. Interruption will normally occur at such times:
  - a. When Company is required to use oil-fired generation equipment or to purchase power that results in equivalent production cost,
  - b. When Company expects to incur a new system peak, or
  - c. At such times when, in Company's opinion, the reliability of the system is endangered.

#### (Continued on Sheet No. 5-8)

Date Filed: 06-29-12 By: Judy M. Poferl Effective Date: 05-01-13

President and CEO of Northern States Power Company, a Minnesota corporation

Docket No. EL12-046 Order Date: 04-18-13

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RESIDENTIAL HEAT PUMP SERVICE	Section No.	5
(TWO METER RATE)	3rd Revised Sheet No.	9
RATE CODE E06	Cancelling 2nd Revised Sheet No.	9

# **AVAILABILITY**

Available to residential customers with air source or ground source heat pumps. This rate is for residences with separately metered heat pumps. Electric space and water heaters, air handling equipment, and circulating pumps may be served by this rate with prior Company approval. This meter will have a direct load control device that is controlled by the Company.

#### **RATE**

Customer Charge per Month \$3.05

Energy Charge per kWh

 June - September
 \$0.06522
 I

 Other Months
 \$0.04060
 I

#### **FUEL CLAUSE**

Bills are subject to the adjustment provided for in the Fuel Clause Rider.

#### **OTHER RIDERS**

Bills are subject to the adjustments provided for in the Transmission Cost Recovery Rider, the Environmental Cost Recovery Rider, the Demand Side Management Cost Adjustment Factor and the Infrastructure Rider.

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# **SURCHARGE**

In certain communities, bills are subject to a surcharge provided for in Surcharge Rider.

#### LATE PAYMENT CHARGE

A late payment charge of 1% of the unpaid balance will be added to the next month's bill after the date due.

# TERMS AND CONDITIONS OF SERVICE

- The Heat Pump Service shall be permanently wired, separately served and metered, and at no time
  connected to facilities servicing other customer loads without prior approval from the Company. Customer
  must provide two meter sockets as specified by the Company. The Company will provide both meters and
  the direct load control device.
- 2. The duration and frequency of interruptions will be determined by the Company. The direct load control device will be cycled on a schedule of 15 minutes on and 15 minutes off normally for six hours with a maximum of eight hours per day. Interruptions will normally occur on high demand weekdays during summer months. Interruptions may occur at times when, in the Company's opinion, the reliability of the system is endangered.

### (Continued on Sheet No. 5-10)

Date Filed: 06-29-12 By: Judy M. Poferl Effective Date: 05-01-13

President and CEO of Northern States Power Company, a Minnesota corporation

# LIMITED OFF PEAK SERVICE Section No. 5 RATE CODE E11 5th Revised Sheet No. 11 Cancelling 4th Revised Sheet No. 11

# **AVAILABILITY**

Available to secondary and primary voltage customers for controlled loads which will be energized only for the time period between 10:00 p.m. to 6:30 a.m. daily.

#### **RATE**

Customer Charge per Month

Secondary Voltage

Single Phase \$3.05 Three Phase \$5.15 Primary Voltage \$25.00

Energy Charge per kWh

Secondary Voltage \$0.02340 Primary Voltage \$0.02231

#### **FUEL CLAUSE**

Bills subject to the adjustment provided for in Fuel Clause Rider.

#### **OTHER RIDERS**

Bills are subject to the adjustments provided for in the Transmission Cost Recovery Rider, the Environmental Cost Recovery Rider, the Demand Side Management Cost Adjustment Factor and the Infrastructure Rider.

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# **MONTHLY MINIMUM CHARGE**

Secondary Voltage

Single Phase \$8.00
Three Phase \$12.00
Primary Voltage \$60.00

# **SURCHARGE**

In certain communities, bills are subject to a surcharge provided for in Surcharge Rider.

#### LATE PAYMENT CHARGE

A late payment charge of 1% of the unpaid balance will be added to the next month's bill after the date due.

### (Continued on Sheet No. 5-12)

Date Filed: 06-29-12 By: Judy M. Poferl Effective Date: 05-01-13

President and CEO of Northern States Power Company, a Minnesota corporation

# LIMITED OFF PEAK SERVICE (Continued) RATE CODE E11

Section No. 5
2nd Revised Sheet No. 12
Cancelling 1st Revised Sheet No. 12

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#### TERMS AND CONDITIONS OF SERVICE

- Limited Off Peak Service must be separately served and metered and must at no time be connected to facilities serving customer's other loads.
- 2. Company will not be liable for any loss or damage caused by or resulting from any interruption of service.
- 3. Customer selecting Limited Off Peak Service must remain on this service for a minimum term of one year, unless customer transfers to another interruptible service rate.
- 4. Customer has the option of directly controlling own load or allowing Company load control. If customer chooses Company load control, customer must:
  - Provide a load-break switch or circuit breaker equipped with electronic trip and close circuits allowing for remote operation of customer's switch or circuit breaker by Company,
  - Wire the trip and close circuits into a connection point designated by Company to allow installation of remote control equipment by Company, and
  - Provide a continuous 120 volt AC power source at the connection point for operation of Company's remote control equipment.
- 5. A charge of \$0.24 per kWh shall be applied to non-authorized energy used outside of the energized time period specified in this tariff. If this energy use occurs during three or more billing months, the Company reserves the right to remove customer from Limited Off Peak Service.
- 6. The rate contemplates that this service will utilize existing facilities with no additional major expenditures. Customer shall reimburse Company for any expenditures on facilities necessary to serve this load which would not otherwise be required to serve customer's load.

Date Filed: 06-29-12 By: Judy M. Poferl Effective Date: 05-01-13

President and CEO of Northern States Power Company, a Minnesota corporation

# AUTOMATIC PROTECTIVE LIGHTING SERVICE RATE CODE E12 Section No. 5 3rd Revised Sheet No. 14 Cancelling 2nd Revised Sheet No. 14

# **AVAILABILITY**

Available to all types of customers except for municipal street lighting purposes.

#### **RATE**

Designation of Lamp	Monthly Rate Per Unit	
Area Units		
100W High Pressure Sodium	\$7.40	I
175W Mercury (1)	\$7.40	1
250W High Pressure Sodium	\$13.18	I
400W Mercury (1)	\$13.18	1
Directional Units		
250W High Pressure Sodium	\$14.64	1
400W Mercury (1)	\$14.64	1
400W High Pressure Sodium	\$18.33	1

(1) Available to existing installations only.

#### **FUEL CLAUSE**

Bills subject to the adjustment provided for in Fuel Clause Rider.

# **OTHER RIDERS**

Bills are subject to the adjustments provided for in the Transmission Cost Recovery Rider, the Environmental Cost Recovery Rider, the Demand Side Management Cost Adjustment Factor and the Infrastructure Rider.

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# **LATE PAYMENT CHARGE**

A late payment charge of 1% of the unpaid balance will be added to the next month's bill after the date due.

# **SERVICE INCLUDED IN RATE**

Company shall own, operate, and maintain the lighting unit including the fixture, lamp, ballast, photoelectric control, mounting brackets, and all necessary wiring. Company shall furnish all electric energy required for operation of the unit.

### (Continued on Sheet No. 5-15)

Date Filed: 06-29-12 By: Judy M. Poferl Effective Date: 05-01-13

President and CEO of Northern States Power Company, a Minnesota corporation

# SMALL GENERAL SERVICE RATE CODE E13 3rd Revised Sheet No. 21 Cancelling 2nd Revised Sheet No. 21

#### **AVAILABILITY**

Available to any non-residential customer for single or three phase electric service supplied through one meter.

#### **RATE**

	<u>Oct-May</u>	<u>Jun-Sep</u>
Customer Charge per Month	\$9.00	\$9.00
Energy Charge per kWh	\$0.06066	\$0.07586

**FUEL CLAUSE** 

Bills subject to the adjustment provided for in Fuel Clause Rider.

#### **OTHER RIDERS**

Bills are subject to the adjustments provided for in the Transmission Cost Recovery Rider, the Environmental Cost Recovery Rider, the Demand Side Management Cost Adjustment Factor and the Infrastructure Rider.

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MONTHLY MINIMUM CHARGE

Customer Charge.

### **SURCHARGE**

In certain communities, bills are subject to a surcharge provided for in Surcharge Rider.

#### LATE PAYMENT CHARGE

A late payment charge of 1% of the unpaid balance will be added to the next month's bill after the date due.

### TERMS AND CONDITIONS OF SERVICE

- 1. Company shall install a demand meter for a customer when:
  - a. Customer's connected load is estimated to be 20 kW or greater,
  - b. Customer is served single phase and has a service entrance capacity greater than 200 amperes,
  - Customer is served three phase at 120/208 or 120/240 volts and has a service entrance capacity greater than 200 amperes,
  - d. Customer is served three phase at 240/480 or 277/480 volts and has a service entrance capacity greater than 100 amperes, or
  - e. Customer's average monthly kWh use for four consecutive months exceeds 3,500 kWh.

If a demand meter is installed in accordance with the above, the customer may remain on the Small General Service schedule as long as his maximum demand is less than 25 kW. When the customer achieves an actual maximum demand of 25 kW or greater, the customer will be placed on the General Service schedule in the next billing month. A customer with a billing demand of less than 25 kW for 12 consecutive months will be given the option of returning to the Small General Service schedule.

### (Continued on Sheet No. 5-22)

Date Filed: 06-29-12 By: Judy M. Poferl Effective Date: 05-01-13

President and CEO of Northern States Power Company, a Minnesota corporation

SMALL GENERAL TIME OF DAY SERVICE	Section No.	5
RATE CODE E14 (METERED) AND	6th Revised Sheet No.	23
RATE CODE E18 (UNMETERED)	Cancelling 5th Revised Sheet No.	23

Available to any non-residential customer for single or three phase electric service supplied through one meter.

#### **RATE**

	Oct-May	Jun-Sep	
Customer Charge per Month			
Metered Time of Day	\$11.00	\$11.00	
Metered Non-Time of Day	\$9.00	\$9.00	
Unmetered Continuous 24 Hour Use	\$7.00	\$7.00	
Low Wattage Use, 100 W or Less	\$0.28	\$0.28	
Low Wattage Use, From 100 W to 400 W	\$1.14	\$1.14	
Energy Charge per kWh			
On Peak Period Energy	\$0.10090	\$0.13345	
Off Peak Period Energy	\$0.02540	\$0.02540	i
Continuous 24 Hour Energy	\$0.05183	\$0.06322	İ

#### **FUEL CLAUSE**

Bills subject to the adjustment provided for in Fuel Clause Rider.

# **OTHER RIDERS**

Bills are subject to the adjustments provided for in the Transmission Cost Recovery Rider, the Environmental Cost Recovery Rider, the Demand Side Management Cost Adjustment Factor and the Infrastructure Rider.

# **MONTHLY MINIMUM CHARGE**

Customer Charge.

### **SURCHARGE**

In certain communities, bills are subject to a surcharge provided for in Surcharge Rider.

#### LATE PAYMENT CHARGE

A late payment charge of 1% of the unpaid balance will be added to the next month's bill after the date due.

# **DEFINITION OF PEAK PERIODS**

The on peak period is defined as those hours between 9:00 a.m. and 9:00 p.m. The on peak period occurs Monday through Friday, except the following holidays: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day. When a designated holiday occurs on Saturday, the preceding Friday will be designated a holiday. When a designated holiday occurs on Sunday, the following Monday will be designated a holiday. The off peak period is defined as all other hours. Definition of on peak and off peak period is subject to change with change in Company's system operating characteristics.

### (Continued on Sheet No. 5-24)

Date Filed: 06-29-12 By: Judy M. Poferl Effective Date: 05-01-13

President and CEO of Northern States Power Company, a Minnesota corporation

Docket No. EL12-046 Order Date: 04-18-13

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GENERAL SERVICE	Section No.	5
RATE CODE E15	3rd Revised Sheet No.	25
	Cancelling 2nd Revised Sheet No.	25

Available to any non-residential customer for general service except customers with connected load greater than 100 kW and who provide more than 25% of total energy requirements with own generation facilities, must take service through the General Time of Day Service rate.

# RATE

Customer Charge per Month \$21.00

Service at Secondary Voltage	Oct-May	<u>Jun-Sep</u>
Demand Charge per Month per kW	\$8.05	\$11.75

Energy Charge per kWh \$0.02910

Energy Charge Credit per Month per kWh
All kWh in Excess of 360 Hours Times

l kWh in Excess of 360 Hours Times \$0.00766

the Billing Demand

	<u> January -</u>	· December
Voltage Discounts per Month	Per kW	Per kWh
Primary Voltage	\$0.70	\$0.00109
Transmission Transformed Voltage	\$1.40	\$0.00260
Transmission Voltage	\$2.00	\$0.00280

#### **FUEL CLAUSE**

Bills subject to the adjustment provided for in Fuel Clause Rider.

# **OTHER RIDERS**

Bills are subject to the adjustments provided for in the Transmission Cost Recovery Rider, the Environmental Cost Recovery Rider, the Demand Side Management Cost Adjustment Factor and the Infrastructure Rider.

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#### LATE PAYMENT CHARGE

A late payment charge of 1% of the unpaid balance will be added to the next month's bill after the date due.

### **DETERMINATION OF DEMAND**

The adjusted demand in kW for billing purposes shall be determined by dividing the maximum actual demand in kW by the power factor expressed in percent but not more than a 90% power factor and multiplying the quotient so obtained by 90% and rounding to the nearest whole kW. But in no month shall the billing demand be greater than the value in kW determined by dividing the kWh sales for the billing month by 75 hours per month.

### (Continued on Sheet No. 5-26)

Date Filed: 06-29-12 By: Judy M. Poferl Effective Date: 05-01-13

President and CEO of Northern States Power Company, a Minnesota corporation

GENERAL TIME OF DAY SERVICE	Section No.	5
RATE CODE E16	3rd Revised Sheet No.	28
	Cancelling 2nd Revised Sheet No.	28

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# **AVAILABILITY**

Available to any non-residential customer for general service.

#### RATE

Customer Charge per Month \$24.00

Service at Secondary Voltage	Oct-May	Jun-Sep
Demand Charge per Month per kW On Peak Period Demand	\$8.05	\$11.75
Off Peak Period Demand in Excess of On Peak Period Demand	\$2.00	\$2.00
Energy Charge per kWh		
On Peak Period Energy		\$0.03744
Off Peak Period Energy		\$0.02297
Energy Charge Credit per Month per kWh		
All kWh in Excess of 360 Hours Times the		\$0.00766
On Peak Period Billing Demand, Not to		
Exceed 50% of Total kWh		

	<u>January</u>	- December	
Voltage Discounts per Month	Per kW	Per kWh	
Primary Voltage	\$0.70	\$0.00109	
Transmission Transformed Voltage	\$1.40	\$0.00260	
Transmission Voltage	\$2.00	\$0.00280	

# **FUEL CLAUSE**

Bills subject to the adjustment provided for in the Fuel Clause Rider.

# **OTHER RIDERS**

Bills are subject to the adjustments provided for in the Transmission Cost Recovery Rider, the Environmental Cost Recovery Rider, the Demand Side Management Cost Adjustment Factor and the Infrastructure Rider.

# LATE PAYMENT CHARGE

A late payment charge of 1% of the unpaid balance will be added to the next month's bill after the date due.

### (Continued on Sheet No. 5-29)

Date Filed: 06-29-12 By: Judy M. Poferl Effective Date: 05-01-13

President and CEO of Northern States Power Company, a Minnesota corporation

PEAK CONTROLLED SERVICE	Section No.	5
RATE CODE E20	3rd Revised Sheet No.	31
	Cancelling 2nd Revised Sheet No.	31

Available to any non-residential customer for general service who agrees to control demand to a predetermined level whenever required by Company. Availability is restricted to customers with a minimum controllable demand of 50 kW.

# **RATE**

Customer Charge per Month

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	<u>Firm D</u>	emand	<u>Controllab</u>	<u>le Demand</u>	
Service at Secondary Voltage	Oct-May	Jun-Sep	Oct-May	Jun-Sep	
Demand Charge per Month per kW	\$8.05	\$11.75	\$5.82	\$5.82	I
Energy Charge per kWh		\$0.029	910		1
Energy Charge Credit per Month per kWh All kWh in Excess of 360 Hours Times the Sum of All Billing Demands		\$0.007	766		I
		<u>Janua</u>	ry - December		
Voltage Discounts per Month		Per kW	Per kWh	<u>1</u>	
Primary Voltage		\$0.70	\$0.00109	)	I
Transmission Transformed Voltage		\$1.40	\$0.00260	)	I
Transmission Voltage		\$2.00	\$0.00280	)	I

#### **FUEL CLAUSE**

Bills subject to the adjustment provided for in Fuel Clause Rider.

# **OTHER RIDERS**

Bills are subject to the adjustments provided for in the Transmission Cost Recovery Rider, the Environmental Cost Recovery Rider, the Demand Side Management Cost Adjustment Factor and the Infrastructure Rider.

# LATE PAYMENT CHARGE

A late payment charge of 1% of the unpaid balance will be added to the next month's bill after the date due.

### (Continued on Sheet No. 5-32)

Date Filed: 06-29-12 By: Judy M. Poferl Effective Date: 05-01-13

President and CEO of Northern States Power Company, a Minnesota corporation

Docket No. EL12-046 Order Date: 04-18-13

# PEAK CONTROLLED SERVICE (Continued) RATE CODE E20 3rd Revised Sheet No. 32 Cancelling 2nd Revised Sheet No. 32

# **DETERMINATION OF DEMAND**

Maximum Actual Demand in kW shall be the greatest 15 minute load during the billing month.

Adjusted Demand in kW for billing purposes shall be determined by dividing the maximum actual demand in kW by the power factor expressed in percent but not more than a 90% power factor and multiplying the quotient so obtained by 90% and rounding to the nearest whole kW.

<u>Predetermined Demand</u> shall be specified and agreed to by the customer and Company. Customer's adjusted demand must not exceed the predetermined demand level (PDL) during a control period.

Standard PDL customers must agree to a fixed demand level and limit load to that level during a control period.

Optional PDL customers must agree to reduce demand by a fixed amount during a control period. Customer's PDL will be the monthly adjusted on peak demand less the fixed load reduction. The PDL in months without a control period will not be less than the greatest PDL of all months with a control period during the preceding 11 months.

<u>Firm Demand</u> for the billing month shall be the lesser of predetermined demand or adjusted demand, except in months when customer fails to control load to predetermined demand level when requested by Company. In these months, firm demand shall be the adjusted demand established during the control period.

<u>Controllable Demand</u> shall be the difference between customer's adjusted demand during the billing month and the greater of predetermined demand or firm demand, but never less than zero.

Minimum Demand to be billed each month shall not be less than the current month's adjusted demand in kW.

# **POWER FACTOR**

The power factor for the month shall be determined by permanently installed metering equipment.

#### ANNUAL MINIMUM DEMAND CHARGE

The annual minimum demand charge shall be no less than \$56.00 per kW times the predetermined demand, plus \$35.00 per kW times the expected maximum controllable demand.

(Continued on Sheet No. 5-33)

Date Filed: 06-29-12 By: Judy M. Poferl Effective Date: 05-01-13

President and CEO of Northern States Power Company, a Minnesota corporation

PEAK CONTROLLED TIME OF DAY SERVICE	Section No.	5
RATE CODE E21	3rd Revised Sheet No.	34
	Cancelling 2nd Revised Sheet No.	34

Available to any non-residential customer for general service who agrees to control demand to a predetermined level whenever required by Company. Availability is restricted to customers with a minimum controllable demand of 50 kW.

# **RATE**

Customer Charge per Month \$50.00

	Firm De	mand	Controllabl	le Demand	
Service at Secondary Voltage	Oct-May	Jun-Sep	Oct-May	<u>Jun-Sep</u>	
Demand Charge per Month per kW	<b>ФО О</b> Г	Ф44 <b>7</b> Е	<b>Ф</b> Г 00	<b>#F 00</b>	
On Peak Period Demand	\$8.05	\$11.75	\$5.82	\$5.82	1
Off Peak Period Demand in Excess of					
On Peak Period Demand	\$2.00	\$2.00	\$2.00	\$2.00	
Energy Charge per kWh					
On Peak Period Energy		\$0	0.03744		1
Off Peak Period Energy		\$0	0.02297		I
Energy Charge Credit per Month per kWh					
All kWh in Excess of 360 Hours Times the		\$(	0.00766		1
Sum of All On Peak Period Billing Demands,		Ψ	3.007.00		
Not to Exceed 50% of Total kWh					
		<u>January</u>	· - December		
Voltage Discounts per Month		Per kW	Per kWh		
Primary Voltage		\$0.70	\$0.00109		I
Transmission Transformed Voltage		\$1.40	\$0.00260		I
Transmission Voltage		\$2.00	\$0.00280		1

# (Continued on Sheet No. 5-35)

Date Filed: 06-29-12 By: Judy M. Poferl Effective Date: 05-01-13
President and CEO of Northern States Power Company, a Minnesota corporation

# PEAK CONTROLLED TIME OF DAY SERVICESection No.5(Continued)4th Revised Sheet No.35RATE CODE E21Cancelling 3rd Revised Sheet No.35

#### **FUEL CLAUSE**

Bills subject to the adjustment provided for in Fuel Clause Rider.

#### OTHER RIDERS

Bills are subject to the adjustments provided for in the Transmission Cost Recovery Rider, the Environmental Cost Recovery Rider, the Demand Side Management Cost Adjustment Factor and the Infrastructure Rider.

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#### LATE PAYMENT CHARGE

A late payment charge of 1% of the unpaid balance will be added to the next month's bill after the date due.

#### **DEFINITION OF PEAK PERIODS**

The on peak period is defined as those hours between 9:00 a.m. and 9:00 p.m. The on peak hours occurs Monday through Friday, except the following holidays: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day. When a designated holiday occurs on Saturday, the preceding Friday will be designated a holiday. When a designated holiday occurs on Sunday, the following Monday will be designated a holiday. The off peak period is defined as all other hours. Definition of on peak and off peak period is subject to change with change in Company's system operating characteristics.

#### **DETERMINATION OF DEMAND**

<u>Actual On Peak Period Demand</u> in kW shall be the greatest 15 minute load for the on peak period during the billing month.

<u>Adjusted On Peak Period Demand</u> in kW for billing purposes shall be determined by dividing the actual on peak demand by the power factor expressed in percent but not more than 90%, multiplying the quotient so obtained by 90%, and rounding to the nearest whole kW.

Actual Off Peak Period Demand in kW shall be the greatest 15 minute load for the off peak period during the billing month rounded to the nearest whole kW. In no month shall the off peak period demand for billing purposes be considered as less than the current month's actual off peak period demand in kW.

Off Peak Period Demand in Excess of On Peak Period Demand in kW to be billed shall be determined by subtracting the billing on peak period demand from the actual off peak period demand only if the off peak period demand is greater.

(Continued on Sheet No. 5-36)

Date Filed: 06-29-12 By: Judy M. Poferl Effective Date: 05-01-13

President and CEO of Northern States Power Company, a Minnesota corporation

# PEAK CONTROLLED TIME OF DAY SERVICESection No.5(Continued)3rd Revised Sheet No.36RATE CODE E21Cancelling 2nd Revised Sheet No.36

# **DETERMINATION OF DEMAND (Continued)**

<u>Predetermined Demand</u> shall be specified and agreed to by the customer and Company. Customer's adjusted on peak demand must not exceed the predetermined demand level (PDL) during a control period.

Standard PDL customers must agree to a fixed demand level and limit load to that level during a control period.

Optional PDL customers must agree to reduce demand by a fixed amount during a control period. Customer's PDL will be the monthly adjusted on peak demand less the fixed load reduction. The PDL in months without a control period will not be less that the greatest PDL of all months with a control period during the preceding 11 months.

<u>Firm Demand</u> for the billing month shall be the lesser of predetermined demand or adjusted on peak period demand, except in months when customer fails to control load to predetermined demand level when requested by Company. In these months, firm demand shall be the adjusted on peak period demand established during the control period.

<u>Controllable Demand</u> shall be the difference between customer's adjusted on peak period demand during the billing month and the greater of predetermined demand or firm demand, but never less than zero.

<u>Minimum On Peak Demand</u> to be billed each month shall not be less than the current month's adjusted on peak period demand in kW.

#### **POWER FACTOR**

The power factor for the month shall be determined by permanently installed metering equipment.

# ANNUAL MINIMUM DEMAND CHARGE

The annual minimum demand charge shall be no less than \$56.00 per kW times the predetermined demand, plus \$35.00 per kW times the expected contracted maximum controllable demand.

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#### **OTHER PROVISIONS**

Peak Controlled Time of Day Service is also subject to provisions contained in Rules for Application of Peak Controlled Service.

(Continued on Sheet No. 5-37)

Date Filed: 06-29-12 By: Judy M. Poferl Effective Date: 05-01-13

President and CEO of Northern States Power Company, a Minnesota corporation

ENERGY CONTROLLED SERVICE	Section No.	5
RATE CODE E22	3rd Revised Sheet No.	40
	Cancelling 2nd Revised Sheet No.	40

Available to any non-residential customer for general service who agrees to control demand to a predetermined level whenever required by Company. Availability is restricted to customers with a minimum controllable demand of 50 kW.

# **RATE**

Customer Charge per Month \$50.00

Service at Secondary Voltage	Firm D Oct-May	<u>Jun-Sep</u>	Controllable Oct-May	e Demand Jun-Sep
Demand Charge per Month per kW On Peak Period Demand	\$8.05	\$11.75	\$5.41	\$5.41
Off Peak Period Demand in Excess of On Peak Period Demand	\$2.00	\$2.00	\$2.00	\$2.00
Energy Charge per kWh On Peak Period Energy Off Peak Period Energy Control Period Energy	•	03744 02297	\$0.0	03401 02177 09200
Energy Charge Credit per Month per kWh All kWh in Excess of 360 Hours Times the Sum of All On Peak Period Billing Demands, Not to Exceed 50% of Total kWh		\$0.	00766	
Voltage Discounts per Month Primary Voltage Transmission Transformed Voltage Transmission Voltage		<u>January -</u> <u>Per kW</u> \$0.70 \$1.40 \$2.00	December Per kWh \$0.00109 \$0.00260 \$0.00280	

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# (Continued on Sheet No. 5-41)

Date Filed: 06-29-12 By: Judy M. Poferl Effective Date: 05-01-13 President and CEO of Northern States Power Company, a Minnesota corporation

Order Date:

# ENERGY CONTROLLED SERVICE (Continued) RATE CODE E22

Section No. 5

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4th Revised Sheet No. 41

Cancelling 3rd Revised Sheet No. 4

#### **FUEL CLAUSE**

Bills subject to the adjustment provided for in Fuel Clause Rider.

#### **OTHER RIDERS**

Bills are subject to the adjustments provided for in the Transmission Cost Recovery Rider, the Environmental Cost Recovery Rider, the Demand Side Management Cost Adjustment Factor and the Infrastructure Rider.

#### LATE PAYMENT CHARGE

A late payment charge of 1% of the unpaid balance will be added to the next month's bill after the date due.

#### **DEFINITION OF PEAK PERIODS**

The on peak period is defined as those hours between 9:00 a.m. and 9:00 p.m. The on peak period occurs Monday through Friday, except the following holidays: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day. When a designated holiday occurs on Saturday, the preceding Friday will be designated a holiday. When a designated holiday occurs on Sunday, the following Monday will be designated a holiday. The off peak period is defined as all other hours. Definition of on peak and off peak period is subject to change with change in Company's system operating characteristics.

# **DETERMINATION OF DEMAND**

<u>Actual On Peak Period Demand</u> in kW shall be the greatest 15 minute load for the on peak period during the billing month.

<u>Adjusted On Peak Period Demand</u> in kW for billing purposes shall be determined by dividing the actual on peak demand by the power factor expressed in percent but not more than 90%, multiplying the quotient so obtained by 90%, and rounding to the nearest whole kW.

Actual Off Peak Period Demand in kW shall be the greatest 15 minute load for the off peak period during the billing month rounded to the nearest whole kW. In no month shall the off peak period demand for billing purposes be considered as less than the current month's actual off peak period demand in kW.

Off Peak Period Demand in Excess of On Peak Period Demand in kW to be billed shall be determined by subtracting the billing on peak period demand from the actual off peak period demand only if the off peak period demand is greater.

<u>Predetermined Demand</u> shall be specified and agreed to by the customer and Company. Customer's adjusted on peak demand must not exceed the predetermined demand level (PDL) during a control period.

# (Continued on Sheet No. 5-42)

Date Filed: 06-29-12 By: Judy M. Poferl Effective Date: 05-01-13

President and CEO of Northern States Power Company, a Minnesota corporation

# **ENERGY CONTROLLED SERVICE (Continued) RATE CODE E22**

Section No.

5

3rd Revised Sheet No. 42

Cancelling 2nd Revised Sheet No.

# **DETERMINATION OF DEMAND (Continued)**

Firm Demand for the billing month shall be the lesser of predetermined demand or adjusted on peak period demand, except in months when customer fails to control load to predetermined demand level when requested by Company. In these months, firm demand shall be the adjusted on peak period demand established during the control period.

Controllable Demand shall be the difference between customer's adjusted on peak period demand during the billing month and the greater of predetermined demand or firm demand, but never less than zero.

Minimum On Peak Demand to be billed each month shall not be less than the current month's adjusted on peak period demand in kW.

#### **POWER FACTOR**

The power factor for the month shall be determined by permanently installed metering equipment.

#### ANNUAL MINIMUM DEMAND CHARGE

The annual minimum demand charge shall be no less than \$56.00 per kW times the predetermined demand, plus \$33.00 per kW times the expected maximum controllable demand.

# TERMS AND CONDITIONS OF SERVICE

- Alternating current service is provided at the following nominal voltages:
  - Secondary Voltage: Single or three phase from 208 volts up to but not including 2,400 volts,
  - b. Primary Voltage: Three phase from 2,400 volts up to but not including 69,000 volts,
  - Transmission Transformed Voltage: Three phase from 2,400 volts up to but not including 69,000 volts, where service is provided at the Company's disconnecting means of a distribution substation transformer, or
  - Transmission Voltage: Three phase at 69,000 volts or higher.

Service voltage available in any given case is dependent upon voltage and capacity of Company lines in vicinity of customer's premises.

Transmission Transformed Service is available only to customers served by an exclusively dedicated distribution feeder. Customer will be responsible for the cost of all facilities necessary to interconnect at the Company's disconnecting means of a distribution substation transformer.

(Continued on Sheet No. 5-43)

Date Filed: 06-29-12 By: Judy M. Poferl Effective Date: 05-01-13

President and CEO of Northern States Power Company, a Minnesota corporation

Order Date: 04-18-13 Docket No. EL12-046

STREET LIGHTING SYSTEM SERVICE	Section No.	5
RATE CODE E30	3rd Revised Sheet No.	56
	Cancelling 2nd Revised Sheet No.	56

Available for year-round illumination of public streets, parkways, and highways by electric lamps in luminaires supported on poles, where the facilities for this service are furnished by Company. Underground service under this schedule is limited to areas having a Company owned underground electric distribution system.

# RATE

# Monthly Rate per Luminaire

			Decorative	
Designation of Lamp	<u>Overhead</u>	<u>Underground</u>	Underground	
100W High Pressure Sodium	\$13.41	\$22.11	\$29.79	1
150W High Pressure Sodium	\$15.26	\$24.08	\$31.22	I
250W High Pressure Sodium	\$19.72	\$28.83	\$38.03	I
400W High Pressure Sodium	\$24.25			I

#### **FUEL CLAUSE**

Bills subject to the adjustment provided for in Fuel Clause Rider.

# **OTHER RIDERS**

Bills are subject to the adjustments provided for in the Transmission Cost Recovery Rider, the Environmental Cost Recovery Rider, the Demand Side Management Cost Adjustment Factor and the Infrastructure Rider.

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#### LATE PAYMENT CHARGE

A late payment charge of 1% of the unpaid balance will be added to the next month's bill after the date due.

# **OTHER PROVISIONS**

This schedule is also subject to provisions contained in Rules for Application of Street Lighting Rates.

Date Filed: 06-29-12 By: Judy M. Poferl Effective Date: 05-01-13

President and CEO of Northern States Power Company, a Minnesota corporation

STREET LIGHTING ENERGY SERVICE	Section No.	5
RATE CODE E31	3rd Revised Sheet No.	57
	Cancelling 2nd Revised Sheet No.	57

# **AVAILABILITY**

Available for year-round illumination of public streets, parkways, and highways by electric lamps mounted on standards where customer owns an ornamental street lighting system complete with standards, luminaires with globes, lamps, photocells, and other appurtenances, together with all necessary cables extending between standards and to point of connection to Company's facilities as designated by Company.

# **RATE**

# **GROUP I**

Designation of Lamp	Monthly Rate per Luminaire - AN	
175W Mercury	\$6.17	I
400W Mercury	\$10.28	I
70W High Pressure Sodium	\$4.04	ı
100W High Pressure Sodium	\$4.67	I
150W High Pressure Sodium	\$5.61	I
250W High Pressure Sodium	\$7.99	I
400W High Pressure Sodium	\$11.06	I
1,000W High Pressure Sodium	\$22.41	I

# (Continued on Sheet No. 5-58)

Date Filed: 06-29-12 By: Judy M. Poferl Effective Date: 05-01-13

President and CEO of Northern States Power Company, a Minnesota corporation

STREET LIGHTING ENERGY SERVICE	Section No.	5
(Continued)	3rd Revised Sheet No.	58
RATE CODE E31	Cancelling 2nd Revised Sheet No.	58

# **RATE (Continued)**

**GROUP IV** 

Designation of Lamp	Monthly Rate per Luminaire - AN	
175W Mercury	\$3.97	I
70W High Pressure Sodium	\$1.84	1
100W High Pressure Sodium	\$2.41	I
150W High Pressure Sodium	\$3.41	1
250W High Pressure Sodium	\$5.79	1
400W High Pressure Sodium	\$8.86	I
Metered Ornamental net per kWh (1)	\$0.05353	1

(1) Available to existing installations only

# **FUEL CLAUSE**

Bills subject to the adjustment provided for in Fuel Clause Rider.

### **OTHER RIDERS**

Bills are subject to the adjustments provided for in the Transmission Cost Recovery Rider, the Environmental Cost Recovery Rider, the Demand Side Management Cost Adjustment Factor and the Infrastructure Rider.

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A late payment charge of 1% of the unpaid balance will be added to the next month's bill after the date due.

# **OTHER PROVISIONS**

LATE PAYMENT CHARGE

This schedule is also subject to provisions contained in Rules for Application of Street Lighting Rates.

Date Filed: 06-29-12 By: Judy M. Poferl Effective Date: 05-01-13

President and CEO of Northern States Power Company, a Minnesota corporation

# STREET LIGHTING ENERGY SERVICE - METERED RATE CODE E32

Section No. 5

3rd Revised Sheet No. 59

Cancelling 2nd Revised Sheet No. 59

#### **AVAILABILITY**

Available for year-round illumination of public streets, parkways, and highways by uncommon electric lamps mounted on standards where customer owns and maintains an ornamental street lighting system complete with standards, luminaires with globes, lamps, photocells, and other appurtenances, together with all necessary cables extending between standards and to point of connection to Company's meter as designated by Company.

#### **RATE**

Customer Charge per Meter per Month \$5.00

Energy Charge per kWh \$0.05053

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#### **FUEL CLAUSE**

Bills subject to the adjustment provided for in Fuel Clause Rider.

#### **OTHER RIDERS**

Bills are subject to the adjustments provided for in the Transmission Cost Recovery Rider, the Environmental Cost Recovery Rider, the Demand Side Management Cost Adjustment Factor and the Infrastructure Rider.

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# LATE PAYMENT CHARGE

A late payment charge of 1% of the unpaid balance will be added to the next month's bill after the date due.

#### **CONDITIONS OF SERVICE**

The customer owns and maintains ornamental street lighting system including underground cables, posts, lamps, ballasts, glassware, and photocells conforming to specified daily operating schedule. Company furnishes energy only at central metered distribution point designated by Company. The daily operating schedule of the lamps shall be from approximately one-half hour after sunset until one-half hour before sunrise.

Date Filed: 06-29-12 By: Judy M. Poferl Effective Date: 05-01-13

President and CEO of Northern States Power Company, a Minnesota corporation

# FIRE AND CIVIL DEFENSE SIREN SERVICE RATE CODE E40 3rd Revised Sheet No. 63 Cancelling 2nd Revised Sheet No. 63

# **AVAILABILITY**

Available for power service for the operation of municipal fire and civil defense warning sirens having a rated capacity not in excess of 25 horsepower.

#### **RATE**

Per Month per Horsepower of Connected Capacity \$0.62

#### MINIMUM BILL

Net per Month \$2.80

#### LATE PAYMENT CHARGE

A late payment charge of 1% of the unpaid balance will be added to the next month's bill after the date due.

#### CONNECTION

Under the above rate, the Company will make no extension for service other than a normal service span. Where conditions are such that a long service connection or extra transformer capacity, or both, are necessary, the customer shall either pay the entire cost of such extra equipment or pay a monthly facilities charge based on such costs.

The circuit serving the siren must be in conduit from the entrance to the motor with an enclosed entrance switch box, which may be sealed and operated from an external appliance.

# **OPTIONAL**

In case the customer already has a service connection of sufficient capacity to permit operation of the siren without unduly disturbing conditions on the Company's nearby circuits, the siren may be connected at the option of the customer on the lead side of the customer's existing meter and the commercial rate applied to the total load.

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President and CEO of Northern States Power Company, a Minnesota corporation

Section No. 5

Cancelling 6th Revised Sheet No. 64

# -FUEL CLAUSE CHARGE

There shall be added to or deducted from the monthly bill a Fuel Cost Charge calculated by multiplying the applicable monthly billing kilowatt hours (kWh) by the billed Fuel Adjustment Factor (FAF) per kWh. The billed FAF is calculated by prorating each calendar month FAF by the number of customer billing days in each calendar month, and rounding to the nearest \$0.00001 per kWh.

# **FUEL ADJUSTMENT FACTOR (FAF)**

A separate FAF will be determined for each service category described below. The FAF for each service category is the sum of the Current Period Cost of Energy, the Fuel Cost True-Up Factor and the Intersystem Sales Margins sharing, multiplied by the applicable FAF Ratio.

Service Category	FAF Ratio
Residential	1.0216
C&I Non-Demand	1.0204
C&I Demand	0.9993
C&I Demand TOD On-Peak	1.2532
C&I Demand TOD Off-Peak	0.7947
Outdoor Lighting	0.7421

# SALES OF RENEWABLE ENERGY CREDITS

Ninety percent (90%) of the South Dakota state jurisdictional share of revenue generated by the sale of Renewable Energy Credits shall be credited to customers.

#### **EMISSION ALLOWANCES AND FEDERAL PRODUCTION TAX CREDITS**

The South Dakota state jurisdictional share of revenue generated by the sale of emission allowances and the revenue requirements from federal production tax credits (PTC) associated with wind generation allocated to South Dakota shall be credited to customers.

(Continued on Sheet No. 5-64.1)

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President and CEO of Northern States Power Company, a Minnesota corporation

Docket No. EL12-046 Order Date: 04-18-13

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# **FUEL CLAUSE RIDER (Continued)**

Section No. 5
2nd Revised Sheet No. 64.2
Cancelling 1st Revised Sheet No. 64.2

#### **INTERSYSTEM SALES MARGINS**

Intersystem Sales Margins are defined as intersystem sales revenues less the sum of fuel, energy costs (including costs associated with MISO markets that are recorded in FERC Account 555), and any additional transmission costs incurred that are required to make such sales (referred to as "margins"). Retail customers will receive a per kWh credit for the retail share of total intersystem sales margins, as defined below:

- Asset Based Margins: One hundred percent (100%) of the South Dakota state jurisdictional share of
  margins from asset based intersystem energy sales and ancillary services. These margins shall be the
  actual amounts of such margins recorded, subject to any MISO resettlements.
- 2. Non-Asset Based Margins: Thirty percent (30%) of the South Dakota state jurisdictional share of non-asset based margins from intersystem sales. These margins shall be the actual amounts of such margins recorded, subject to the FERC approved Joint Operating Agreement and any MISO resettlements. The retail share of the Non-Asset Based Margins will be calculated annually after the close of the calendar year, and will be credited to the Fuel Cost True-up Factor only if calendar year margins are positive. Margins equal to or less than \$100,000 will be refunded in one month and margins greater than \$100,000 will be refunded over 12 months.

The Company's retail customers will be served with the lowest cost resources available when the Company is engaged in asset-based transactions. For purposes of comparing which resources are lowest cost and for purposes of determining what order of dispatch constitutes "economic dispatch" under this rider, must-take and take-or-pay energy purchases and must-run resources, such as generation with minimum operating levels, intermittent wind, and run-of-river hydroelectric generation shall always be assigned to retail. Energy purchases that are necessary for reliable and adequate service to retail customers shall be procured at the lowest cost to the extent allowed by state or federal law or regulatory authority.

#### RATE SCHEDULES BY SERVICE CATEGORY

The FAF for each service category is applicable to the rate schedules as defined below:

#### Residential

Residential (E01, E03) Residential TOD (E02, E04) Residential Heat Pump Service (E06) Energy Controlled Non-Demand (E10) Limited Off-Peak (E11)

# **Commercial and Industrial Non-Demand**

Energy Controlled Non-Demand (E10) Limited Off Peak (E11) Small General (E13) Small General TOD (E14, E18) Fire and Civil Defense Siren (E40)

# **Commercial and Industrial Demand – Non-TOD**

General (E15) Peak Controlled (E20)

#### Commercial and Industrial Demand - TOD

General TOD (E16) Peak Controlled TOD (E21) Energy Controlled (E22)

# **Outdoor Lighting**

Automatic Protective (E12) Street Lighting System (E30) Street Lighting Energy (E31) Street Lighting Energy – Metered (E32)

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President and CEO of Northern States Power Company, a Minnesota corporation

Docket No. EL12-046 Order Date: 04-18-13

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# STANDBY SERVICE RIDERSection No.53rd Revised Sheet No.68Cancelling 2nd Revised Sheet No.68

# **AVAILABILITY**

Applicable to customers that use an alternative generation source with a capacity of 100 kW or more, where the alternative generation serves all or a portion of the customer's electric energy requirements and where the customer chooses to use the Company's electric service to serve that load when the alternative generation is either partly or wholly unavailable.

Under this tariff, the Company will provide Standby Service in accordance with the provisions of this tariff as well as those of Section 2.4 of the General Rules and Regulations.

# **RATE**

	Firm Standby		Non-Firm Standby	
	Unscheduled	Scheduled		
	<u>Maintenance</u>	<u>Maintenance</u>		
Customer Charge per Month	\$25.00	\$25.00	\$25.00	
Demand Charge per Month per kW of Contracted				
Standby Capacity				
Secondary Voltage Service	\$2.87	\$2.77	\$2.00	I
Primary Voltage Service	\$2.17	\$2.07	\$1.30	I
Transmission Transformed Voltage Service	\$1.47	\$1.37	\$0.60	ı
Transmission Voltage Service	\$0.87	\$0.77	\$0.00	ı

# **FUEL CLAUSE**

Bills subject to the adjustment provided for in Fuel Clause Rider.

### **OTHER RIDERS**

Bills are subject to the adjustments provided for in the Transmission Cost Recovery Rider, the Environmental Cost Recovery Rider, the Demand Side Management Cost Adjustment Factor and the Infrastructure Rider.

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### **SURCHARGE**

In certain communities, bills are subject to a surcharge provided for in Surcharge Rider.

#### LATE PAYMENT CHARGE

A late payment charge of 1% of the unpaid balance will be added to the next month's bill after the date due.

### (Continued on Sheet No. 5-68.1)

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President and CEO of Northern States Power Company, a Minnesota corporation

Docket No. EL12-046 Order Date: 04-18-13

#### **INFRASTRUCTURE RIDER**

Section No. 5 Original Sheet No. 74

#### **APPLICATION**

Applicable to bills for electric service provided under the Company's retail rate schedules.

#### **RIDER**

There shall be included on each customer's monthly bill an Infrastructure Rider adjustment charge, which shall be the Infrastructure Rider Adjustment Factor multiplied by the customer's monthly billing kWh for electric service. This Infrastructure Rider adjustment charge shall be calculated before any city surcharge or city and state sales tax.

#### DETERMINATION OF INFRASTRUCTURE RIDER ADJUSTMENT FACTOR

The Infrastructure Rider Adjustment Factor shall be calculated by dividing the forecasted balance of the Infrastructure Rider Tracker Account by the forecasted retail sales for the upcoming recovery period. The Infrastructure Rider Adjustment Factor shall be rounded to the nearest \$0.000001 per kWh.

The Infrastructure Rider Adjustment Factor may be adjusted annually subject to a compliance filing with the South Dakota Public Utilities Commission (Commission). Revisions to the Infrastructure Rider Adjustment Factor shall apply to bills rendered on and after January 1. The initial Infrastructure Rider Adjustment Factor for all rate schedules is:

All Customers

\$0.001830 per kWh

<u>Recoverable Capital Costs</u> shall be the annual revenue requirements associated with those capital projects specified herein expected to be placed in service in 2012 or 2013, if determined by the Commission to be eligible for recovery under this Infrastructure Rider, and not included in the calculation of final base rates in Docket No. EL12-046.

<u>Recoverable Property Taxes</u> shall be incremental property taxes for 2013 incurred by the Company that are otherwise not included in base rates as determined in Docket No. EL12-046 or other rate recovery mechanisms.

A standard model will be used to calculate the total forecasted revenue requirements for each eligible project and eligible property taxes for the designated period, including a carrying cost. All costs appropriately charged to the Infrastructure Rider Tracker Account shall be eligible for recovery through this Infrastructure Rider, and all revenues recovered from Infrastructure Rider Adjustment Factors shall be credited to the Infrastructure Rider Tracker Account.

Forecasted retail sales shall be the estimated total retail electric sales for the designated recovery period.

#### Projects eligible for Inclusion in Infrastructure Rider

Projects eligible for recovery in the Infrastructure Rider effective on or after May 1, 2013 are those projects with 2012 and 2013 in-service activity. The projects in-service in 2012 eligible for recovery in the Infrastructure Rider are: (1) the Prairie Island H Line; and (2) the Monticello Life Cycle Management/Extended Power Uprate. The projects in service in 2013 eligible for recovery in the Infrastructure Rider are: (1) Monticello Fire Model; (2) Prairie Island Steam Generator; (3) Prairie Island Dry Casks; (4) Sherco Cooling Towers and (5) Sherco HFU.

(Continued on Sheet No. 5-75)

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President and CEO of Northern States Power Company, a Minnesota corporation

Docket No. EL12-046 Order Date: 04-18-13

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#### **INFRASTRUCTURE RIDER (Continued)**

Section No. 5 Original Sheet No. 75

# **DETERMINATION OF INFRASTRUCTURE RIDER ADJUSTMENT FACTOR**

Projects eligible for Inclusion in Infrastructure Rider (Continued)

The Year 1 Infrastructure Rider will be calculated to recognize a full year of annual revenue requirements for the projects in-service in 2012 and a partial year of recovery for the 2013 projects based on the expected 2013 projects' in-service dates. The Company will file an update on October 1, 2013 to revise the Infrastructure Rider Adjustment Factor to recognize a full year of annualized revenue requirements for the projects in-service in 2013.

The Company's compliance filing with the Commission shall provide the in-service date of the specific eligible project, the calculation of the annual revenue requirements for the project(s) placed in service, the eligible property taxes, and the forecasted retail sales. The Company shall provide notice to customers of the change in the Infrastructure Rider Adjustment Factor by a bill message in the month the change is effective.

#### **TRUE-UP**

An annual true-up will be filed by October 1 of each year with any changes in the Infrastructure Rider Adjustment Factor implemented the following January 1. The Infrastructure Rider will be updated to true-up the difference between actual costs and revenues for the prior period, reconciling any differences between estimated cost and inservice date and actual cost and inservice date, and include projected revenue requirements for the tracker projects in the following year, including any property taxes incurred but otherwise not yet included in rates, the Infrastructure Rider, or other rate recovery mechanisms. This process of true up to actual costs and reset of the Infrastructure Rider factor based on forecast for the following year will continue until the revenue requirements related to projects in the rider are moved into base rates in a future rate case. For each annual true-up, the Infrastructure Rider revenue requirements and carrying cost shall be calculated using the rate of return established in Docket No. EL12-046.

Date Filed: 06-29-12 By: Judy M. Poferl Effective Date: 05-01-13

President and CEO of Northern States Power Company, a Minnesota corporation

Docket No. EL12-046 Order Date: 04-18-13

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#### STANDARD CUSTOMER BILL FORM

Section No. 8

3rd Revised Sheet No. 2

Last Year

57 27.5

\$2.92

Cancelling 2nd Revised Sheet No.



**Northern States Power Company** 

Please Return This Portion With Your Payment

Your Account Number Date Due Amount Enclosed 51-1234567-1 05/06/2013 \$508.23 Thank You!

---- manifest line թժիրոիցիկորկնվերիակակակակուկների JOHN E. CUSTOMER MARTHA W. CUSTOMER 1234 SIOUX FALLS AVENUE SIOUX FALLS, SD 00000-0000

րակերակարկարկերկիկերկանականակությերությիւ P.O. BOX 9477 MPLS, MN 55484-9477

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Detach and Retain This Portion For Your Records Questions: Call 24 Hours 7 Days A Week or write to us at: Please Call: (800) 895-4999 Hearing Impaired: (800) 895-4949 Español: (800) 687-8778 Northern States Power Company PO BOX 8 EAU CLAIRE WI 54702-0008 Fax: (800) 895-2895 **Billing Summary** Residential Previous Balance 03/08 No Payment Through 04/09 Balance As 0f 04/09 Current Energy Charges 04/09 Total \$347.01 Averages for Billing Period This Year \$0.00 \$347.01 Average Temperature Electric/kwh per Day Cost per Day \$5.04

\* 23 Degrees Colder

		Lo Dogicoo colaci	
	Current Charges		
Electric Charges Usage Period: 03/08/13 to 04/09/13 Invoice # 123456791 Residential 32 Days Basic Service Chg Energy Charge Winter 500 kWh @ \$0.063890 Energy Charge Winter 1000 kWh @ \$0.066410 TmissnCostRecovery 1500 kWh @ \$0.00388 DSM Factor 1500 kWh @ \$0.000398 Infrastructure Rider 1500 kWh @ \$0.001830 Fuel Cost Charge 1500 kWh @ \$0.0024953 Subtotal City Tax @2.00% State Tax @4.00% Total Amount	\$3.25 \$31.95 \$66.41 \$4.56 \$0.74 \$2.75 \$37.43 \$152.09 \$3.05 \$5.08	Meter Reading Information Meter # 0002300900 Total Energy-kWh Company Reading on 04/09 Company Reading on 03/08 Total Usage in 32 Days kWh	51692 50192 <b>1500</b>

JOHN E. CUSTOMER MARTHA W. CUSTOMER 1234 SIOUX FALLS AVENUE SIOUX FALLS, SD 00000-0000

Account #: 51-1234567-1

Date Due Please Pay Meter Reading Date 05/14/13 05/06/2013 \$508.23

To avoid a late pay charge of 1% of the unpaid balance, payment of total amount must be received by due date.

Statement # 123456789

Next Scheduled

Premise # 312345678

05-01-13

Page 1 of 1 Statement Date: 04/09/13

06-29-12

Date Filed:

See back of bill for more information.

By: Judy M. Poferl Effective Date:

President and CEO of Northern States Power Company, a Minnesota corporation

Order Date: 04-18-13 Docket No. EL12-046

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